

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

2

AMENDMENTS TO THE CLAIMS:

1. (Original) A method of displaying predetermined objects on a web page accessed by a user, comprising:

one of displaying only those objects of said web page which said user has accessed a predetermined number of times previously, and displaying only those objects of said web page which said user has specified in advance.

2. (Original) The method of claim 1, further comprising:

sensing a number of times a user visits a website; and
sensing links for objects and other interactive objects on a home page of a website, accessed by said user.

3. (Original) The method of claim 2, further comprising:

sensing classes of objects to which the links and other interactive objects belong.

4. (Original) The method of claim 3, wherein said sensing is performed automatically.

5. (Original) The method of claim 1, further comprising:

registering, by said user, a preference for which of said objects are to be displayed, said displaying of said objects being based on said registering.

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

3

6. (Original) The method of claim 1, further comprising:
automatically prioritizing parts of a Web service associated with said web page
that are repeatedly used by said user.
7. (Original) The method of claim 1, further comprising:
automatically deprioritizing parts of a Web service associated with said web page
that are used less than said predetermined amount of times by said user.
8. (Currently amended) The method of claim 6, further comprising:
splitting said web page into at least one page one or more pages based upon a
usage criteria specified.
9. (Currently amended) The method of claim 7, further comprising:
splitting said web page into at least one page one or more pages based upon a
usage criteria specified.
10. (Currently amended) The method of claim 8, wherein said splitting comprises:
splitting into pages on a basis of classes with each page comprising parts of at
least one class one or more classes.
11. (Currently amended) The method of claim 9, wherein said splitting comprises:
splitting into pages on a basis of classes with each page comprising parts of at
least one class one or more classes.

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

4

12. (Original) The method of claim 6, wherein said prioritizing is based on structural information on pages representing said web service, said structure information having a hypertext mark-up language (HTML) format.

13. (Original) The method of claim 6, wherein said prioritizing is based on structural information on pages representing said web service, said structure information having other than a hypertext mark-up language (HTML) format.

14. (Original) The method of claim 9, further comprising:
linking split pages such that said user may selectively launch said services that the user has used less than said predetermined number of times previously.

15. (Previously presented) The method of claim 1, further comprising:
creating multiple links at each level of a hierarchy of said Web page such that said user can go between parts used more than said predetermined number of times and parts used less than said predetermined number of times.

16. (Currently amended) The method of claim 1, wherein said displaying comprises:
displaying links as pictorial forms that are thumbnail forms of said web page, thereby providing said user with a visual cue as to whether or not said link should be followed.

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

5

17. (Original) The method of claim 1, further comprising:
bypassing said one of displaying only those objects, on user request, so that said user sees said page as served by a server.
18. (Original) The method of claim 1, further comprising:
registering, by said user, a browser to be accessed through a proxy server.
19. (Original) The method of claim 1, further comprising:
tracking a plurality of different users.
20. (Original) The method of claim 1, further comprising:
tracking a plurality of different web services.
21. (Original) The method of claim 1, further comprising:
specifying, by said user, at least one of a different threshold and a different criteria for identifying a frequent accessing of said objects.
22. (Previously presented) The method of claim 21, further comprising:
tracking of said frequent accessing by maintaining information and transforming an original page based upon structure links.
23. (Original) The method of claim 1, further comprising:
identifying a session of a user with a web service.

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

6

24. (Original) The method of claim 1, further comprising:
maintaining a repository of user usage of a web service by updating previous
visits with new visits based upon at least one of web page structure, user clicks and input,
and user customization.

25. (Original) The method of claim 1, further comprising:
using an extensible markup language (XML)-based schema language for
specifying an update to a visit history.

26. (Currently amended) The method of claim 1, wherein if at least one of a number
of visits to a web site is determined to exceed said predetermined number of times and or
if the user has specified the user's preferences in advance, the next time the user visits the
site, the user obtains a version of the site that has been customized to the user's previous
visits, such that a browser of the user does not download text and graphics that are not
used by the user said predetermined number of times.

27. (Original) The method of claim 1, further comprising:
registering, by the user, a browser of the user with a customizing service.

28. (Previously presented) The method of claim 27, wherein said user specifies, in the
browser, visits to which sites should go through the customizing service, such that when
the user tries to access a registered site from the browser, a downloaded page is

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

7

intercepted by the customizing service and a structural information on the page is examined by the customizing service.

29. (Previously presented) The method of claim 1, wherein only links and structures, used by said user said predetermined number of times or specified by said user, are placed on a home page of a website, other pages of said website being available through an indirect link.

30. (Currently amended) The method of claim 1, further comprising:
providing an image object on said web page for allowing the user to visit at least a portion of at least one of a rest of classes and or a rest of pages associated with said web page, by said user clicking on said image.

31. (Currently amended) The method of claim 30, further comprising:
creating a hyperlink out of an icon corresponding to the image represented by at least one of the rest of the classes and or the rest of the pages, such that said user obtains a thumbnail of said at least one of the rest of the classes and or pages associated with said web page.

32. (Previously presented) The method of claim 1, further comprising registering a customization of said user, said registering comprising:
specifying a universal resource locator of the web page and optionally a set of universal resource locator (URL) patterns to indicate link patterns;

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

8

specifying a threshold for the customization, for informing after how many uses of the web service the customization of the service for the user should commence; and automatically introducing into a browser of the user, options for asking the browser to go via a customizer service when accessing the URL for the service that the user specified.

33. (Currently amended) The method of claim 1, further comprising:

invoking, by said user, a web browser;
specifying a universal resource locator (URL);
determining whether said URL is a registered URL; and
if the URL is determined to be a registered URL, then the browser visiting the page through a customizing proxy server, and if not then the browser visiting the site, said browser receiving the page at least one of either directly from a server and or from the customizing proxy server and serving the page to the user.

34. (Previously presented) The method of claim 1, wherein customizing of said web

page comprises:

receiving a universal resource locator (URL) request from a web browser of said user;
sending a request to the web server corresponding to the URL and obtaining the page;
comparing with a database of (user, service) pairs whether the URL is a service URL registered by the user, and if said URL is registered by said user, determining

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

9

whether a number of visits to the web service by the user has exceeded said predetermined number of times;

if the predetermined number is exceeded, then accessing an access history of the user for the web service from the database and customizing the web page based upon the access history, to create a modified page, and returning a modified page to the browser;

if the predetermined number is not exceeded, then incrementing an access count

by said user to the service and returning the page to the browser; and

if said URL matches an access pattern within a service URL structure, updating a visit history for the access pattern for the registered web service and returning the page to the user's browser.

35. (Original) The method of claim 34, wherein for each web service URL, an extensible mark-up language (XML) document is stored representing a structure of the document.

36. (Original) The method of claim 31, wherein as the user visits the website repeatedly, the XML document is updated to specify which parts of the page structure were accessed.

37. (Original) A method of selectively tracking of web service usage by a user, comprising:
sensing a number of times a user visits a website;

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

10

sensing links for objects and other interactive objects on a home page of the website, accessed by the user; and
displaying only those objects which the user accesses a predetermined number of times.

38. (Original) The method of claim 37, further comprising:
sensing classes of objects to which the links and other interactive objects belong.

39. (Original) A system for displaying predetermined objects on a web page accessed by a user, comprising:

a sensor for sensing whether a web page has been accessed by said user; and
a display for displaying one of only those objects of said web page which said user has accessed a predetermined number of times previously, and only those objects of said web page which said user has specified in advance.

40. (Original) A system for selectively tracking web service usage by a user, comprising:

means for sensing a number of times a user visits website;
means for sensing links for objects and other interactive objects on a home page of the website, accessed by the user; and
a display for displaying only those objects which the user has accessed a predetermined number of times previously.

Serial No. 09/659,558
Docket No. AM919990159US1
(ALM.035)

11

41. (Original) The system of claim 40, further comprising:
means for sensing classes of objects to which the links and the other interactive
objects belong.

42. (Original) A signal-bearing medium tangibly embodying a program of machine-
readable instructions executable by a digital processing apparatus to perform a method of
displaying predetermined objects on a web page accessed by a user, said method
comprising:

one of displaying only those objects of said web page which said user has
accessed a predetermined number of times, and displaying only those objects of said web
page which said user has specified in advance.

43. (Original) A signal-bearing medium tangibly embodying a program of machine-
readable instructions executable by a digital processing apparatus to perform a method of
selectively tracking of web service usage by a user, said method comprising:

sensing a number of times a user visits a website;
sensing links for objects and other interactive objects on a home page of the
website, accessed by the user; and
displaying only those objects which the user accesses a predetermined number of
times.

44. (Original) The medium of claim 43, further comprising:
sensing classes of objects to which the links and other interactive objects belong.